

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

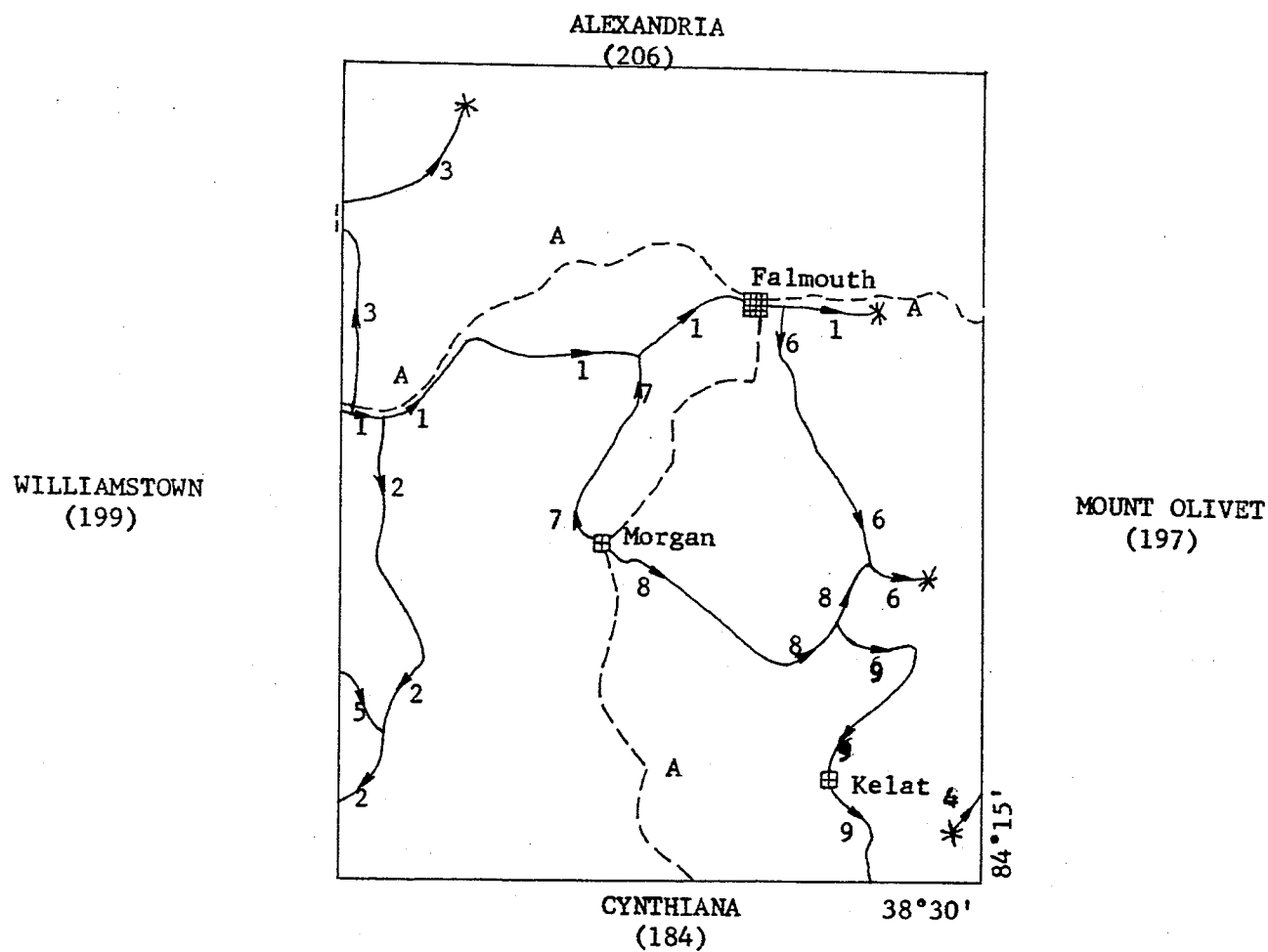
38-084-13
FALMOUTH QUADRANGLE
198 KENTUCKY
N3830-W8415/15
DIAGRAM NJ 16-6
LOUISVILLE

Grant, Harrison, and
Pendleton Counties

Final adjustment of 1973

Edition of 5/7/74

PR: DSW/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380841

* Tie to Isolated Bench Marks

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
1 D 1928	3	1 CMN 1952 685	5
2 D 1928	3	2 CMN 1952 707	6, 7
3 D 1928	3	3 CMN 1952 783	6
TT STA NO 26 M 1928	5	4 CMN 1952 610	6
TT STA NO 27 M 1928 968	8	5 CMN 1952 624	7
TT STA NO 29 M 1928	3	6 CMN 1952 820	7
TT STA NO 30 M 1928	3	7 CMN 1952 922	7
TT STA NO 33 M 1928	6	8 CMN 1952 910	7, 8
TT STA NO 36 M 1928 623.729	4	9 CMN 1952 688	7
TT STA NO 37 M 1928 874.132	3	10 CMN 1952 697	8
TT STA NO 38 M 1928	3	11 CMN 1952 878	8
TT STA NO 39 M 1928 558.276	4	12 CMN 1952 790	8
TT STA NO 40 M 1928	4, 7	NOT STAMPED	6
TT STA NO 41 M 1928 932.606	4	<u>NGS</u>	
TT STA NO 42 M 1928	4, 5		
TT STA NO 43 M 1928 RESET 1952	5	FALMOUTH 1935	5
TT STA NO 44 M 1928	5	KELAT 1935	8
TT STA NO 45 M 1928	4	Z 34 1935	5
TT STA NO 48 M 1928	5	C 36 1935	7
TT STA NO 52 M 1928	3		

ISOLATED BENCH MARKS (By R. G. Clinite, 1928; Book B 2891; Harlan Downes, 1928; Book B 3045; J. M. Lawson, 1929; Book B 3357)

Feet

Berry, 1.6 mi SW. of post office; 0.5 mi S. of hwy. bridge over Raven Creek; 80 ft S. of fork of rd. SW. to Renaker; 8 ft S. of N. end of pasture; in concrete post; standard tablet stamped
"TT STA NO 29 M 1928"

750.821

Herron, 1.0 mi E. of; at NE. corner of, and in line with N. face of Beagle School; in concrete post; standard tablet stamped
"TT STA NO 30 M 1928"

897.644

Lenoxburg, 4.9 mi SW. of, thence 4.5 mi NE. along Falmouth-Lenoxburg Pike; in NW. corner of barnyard of Thomas Jacobs; 20 ft N. and 20 ft E. of fork of rd. E.; in concrete post; standard tablet stamped
"TT STA NO 38 M 1928"

895.058

Falmouth, 4.15 mi SE. of, along State Highway 22 from courthouse, at side road N.; 37 ft SE. of center of side rd.; 35.5 ft N. of centerline of hwy. at curve; 10.6 ft E. of telephone pole; 4.5 ft SW. of fence; in concrete post; standard tablet stamped
"TT STA NO 37 M 1928 874.132" (Tied by NGS, 1935)

874.132

Caddo, 2.2 mi W. of; on S. side of rd.; 20 ft from center of rd.; in reinforced cement well top on property of Albert Morford; standard tablet stamped "1 D 1928"

812.708

Concord, 2 ft S. of, and in N. end of top step that leads to Concord Cemetery; standard tablet stamped "TT STA NO 52 M 1928"

563.218

Butler, 7.0 mi SW. of; on S. side of Three L Highway; 30 ft from center of rd.; 200 ft SE. of Orange Grove service station, where Lightfoot Fork Pike intersects Three L Highway; 10 ft E. of telephone pole No. C. F. 1266; in concrete post; standard tablet stamped "2 D 1928" (Reported not found, 1954)

890.719

Reference mark; 200 ft NW. of tablet; where Lightfoot Fork Pike leaves Three L Highway; in front of Orange Grove service station; on S. side of Three L Highway; in root of large white oak tree; copper nail and washer

895.58

Butler, 11.0 mi SW. of; on N. side of Lightfoot Fork Pike; 40 ft SE. of, and in front of Blackburn School; midway between two oak trees; in concrete post; standard tablet stamped "3 D 1928"

629.917

Reference mark; at Blackburn School; on cement top of cistern; chiseled square

635.93

LINE 1.Feet

By, J. M. Lawson, 1929; Book B 3357

- Doughton, in front of Whaley's store; 46 ft N. of forks of rd. NE. to Knoxville; on outside of yard fence; in concrete post; standard tablet stamped "TT STA NO 42 M 1928" (Tied by NGS, 1935) 953.299
- Reference mark; on NE. corner of concrete foundation of visible gasoline pump in front of Whaley's store; chiseled square 954.29
- Doughton, 0.8 mi E. of; 65 ft SE. of locust Grove Store; 5 ft S. and 60 ft E. of forks of rd. SE. to Morgan; in notch near root on NW. side of 15-in. locust tree; copper nail and washer (Tied by NGS, 1935) 930.077
- Falmouth, 8.35 mi W. of; 2.2 mi NW. along U.S. Highway 27 and State Highway 22 from junction of Highways 27 and 22, thence 6.15 mi W. and SW. along State Highway 22; at Short Creek Baptist Church; at village of Goforth; about 100 ft N. of center of hwy.; in top of first step at SW. corner of church; in drill hole; standard tablet stamped "TT STA NO 41 M 1928 932.606" (Tied by NGS, 1935) 932.606
- Falmouth, 5.5 mi SW. of; 3.3 mi E. of Goforth, along Licking Valley Pike; 33 ft N. and 10 ft E. of crossroads; in concrete post; standard tablet stamped "TT STA NO 40 M 1928" 693.817
- Reference mark; 0.1 mi W. of tablet; 6 ft N. of rd.; at NW. corner of wooden bridge at foot of hill; top of large bolt at toe of truss 659.46
- Falmouth, at W. end of city; at NW. corner of wooden covered bridge over W. fork of Licking River; on W. end of N. concrete abutment; chiseled square (Tied by NGS, 1935) 549.917
- Falmouth, 0.1 mi N. of courthouse; at W. end of steel truss bridge over Licking River; 16 ft N. of centerline of State Highway 22; in W. end of concrete retaining wall of bridge; standard tablet stamped "TT STA NO 39 M 1928 558.276" (Tied by NGS, 1935) 558.276
- Falmouth, 2.3 mi E. of courthouse, along State Highway 22; at junction of graveled T-rd. SE.; 50 ft E. of centerline of graveled rd.; 28 ft SW. of centerline of hwy.; 19 ft SE. of 20-in. tree; 7 ft N. of fenceline; in concrete post; standard tablet stamped "TT STA NO 36 M 1928 623.729" (Reported mutilated but solid) (Tied by NGS, 1935) 623.729

LINE 2.

By J. M. Lawson, 1929; Book B 3357

- Doughton, 3.0 mi S. of; 2.0 mi S. of Williamstown-Falmouth Pike; just S. of Ezera, along Williamstown-Morgan Pike; 6 ft N. and 25 ft W. of fork of rd. SW.; 5 ft W. of corner fencepost; in concrete post; standard tablet stamped "TT STA NO 45 M 1928" 891.051

LINE 2 (Cont'd.)Feet

Doughton, 4.8 mi SE. of; 1.0 mi NE. of stone schoolhouse; about 800 ft W. of old Marcus Baptist Church; 38 ft N. and 66 ft W. of fork of rd. N.; in field; in concrete post; standard tablet stamped "TT STA NO 44 M 1928" 844.805

Cordova, 2.5 mi E. of; near Grant-Pendleton County line; 35 ft S. of junction of rd. S. across Crooked Creek; 5 ft S. of fenceline; in concrete post; standard tablet stamped "TT STA NO 43 M 1928 RESET 1952" (Not found, 1953) 697.798

LINE 3.

By J. M. Lawson, 1929; Book B 3357

"TT STA NO 42 M 1928" (Described in line 1) 953.299

Portland, 1.0 mi SW. of; 35 ft N. and 36 ft W. of fork of rd. NW. to Gardnersville; in SW. corner of front yard of Arthur Cox; in concrete post; standard tablet stamped "TT STA NO 48 M 1928" 887.528

LINE 4.

By C. E. Walker, 1930; Book B3676

Oddville, 4.2 mi N. of; in NE. corner of field owned by B. T. Price; 5 ft S. and 30 ft W. of rd. fork W.; 6 ft W. of NE. corner fencepost; in concrete post; standard tablet stamped "TT STA NO 26 M 1928" (Tied by NGS, 1935) 890.421

LINE 5.

By E. O. Miner, 1949; Book AV 86

"TT STA NO 43 M 1928 RESET 1952" (Described in line 2) 697.798

LINE 6.

By C. M. Nichols, 1952; Book AV 328

"FALMOUTH 1935" (NGS) 558.089

"Z 34 1935" (NGS) 558.460

U. E., Falmouth, 1.0 mi S. of; 47 ft E. of intersection of State Highway 22 and U. S. Highway 27; on concrete headwall; chiseled square 586.02

Falmouth, 2.5 mi S. of; 73 ft NW. of junction of U. S. Highway 27 and graveled rd. W.; in SE. corner of yard of Jack Dickison; 40 ft SE. of SE. corner of house; in concrete post; standard tablet stamped "1 CMN 1952 685" 684.453

LINE 6 (Cont'd.)Feet

Reference mark; 20 ft SE. of Tablet; 55 ft NW. of junction of U. S. Highway 27 and graveled rd. W.; on concrete headwall; chiseled square	677.97
U.E., Falmouth, 3.6 mi S. of, along U. S. Highway 27; on SW. corner of abutment of concrete bridge crossing Blankey Creek; chiseled square	638.71
Falmouth, 4.8 mi S. of; 61 ft SE. of junction of U. S. Highway 27, paved rd. E.; and graveled rd. W.; in corner of field; 37 ft S. of paved rd. E.; 48 ft E. of Highway 27; 15 ft W. of 18-in. oak tree; in concrete post; standard tablet stamped "2 CMN 1952 707"	706.764
U.E., Falmouth, 5.7 mi S. of, along Three L Highway; on N. end of W. concrete culvert headwall; chiseled square	686.40
Falmouth, 6.1 mi S. of, along Three L Highway; in NW. corner of Mount Vernon Church Cemetery; 36 ft N. of centerline of hwy.; 4 ft S. of fence; in concrete post; standard tablet stamped "3 CMN 1952 783"	782.215
Reference mark; 100 ft SE. of tablet; on concrete culvert headwall on N. side of hwy.; chiseled square	779.47
U.E., McKinneysburg, 1.4 mi NW. of, along Sunrise Road; on NW. abutment of concrete bridge; chiseled square	648.86
McKinneysburg, in SE. corner of Christian Church; in top of concrete wall; standard tablet stamped "TT STA NO 33 M 1928"	574.100
McKinneysburg, on iron bridge across Licking River; in S. side of N. abutment; standard gaging station tablet not stamped	567.599

LINE 7.

By C. M. Nichols, 1952; Book AV 328

"C 36 1935" (NGS)	638.729
U.E., Morgan, 2.1 mi N. of, along State Highway 318; on SE. side of rd.; on N. end of concrete culvert headwall; chiseled square	619.20
Morgan, 2.6 mi N. of, along State Highway 318; in SE. corner abutment of concrete bridge crossing Short Creek; standard tablet stamped "4 CMN 1952 610"	610.334
Reference mark; on NW. corner abutment of concrete bridge over Short Creek; chiseled square	611.44

LINE 7 (Cont'd.)Feet

Morgan, 5.0 mi N. of; 3.4 mi S. of Falmouth, along State Highway 318; 100 ft S. of junction of rd. SW.; in N. end of E. concrete culvert headwall; standard tablet stamped "5 CMN 1952 624" 624.096

Reference mark; on N. end of W. concrete culvert headwall; chiseled square 624.46

U.E., Falmouth, 4.7 mi SW. of, along Licking Valley Pike; near top of hill; at angle in pike to SE. and SW.; 10 ft NW. of intersection of angle in rd.; 1 ft S. of corner fencepost; on top of rock; chiseled square 758.82

"TT STA NO 40 M 1928" (Described in line 1) 693.817

LINE 8.

By C. M. Nichols, 1952; Book AV 328

"C 36 1935" (NGS) *(also in line 7)* 638.729

U.E., Morgan, 1.7 mi SE. of; on center of SW. side of concrete bridge; chiseled square 684.39

Morgan, 2.2 mi SE. of, along graveled rd.; at drive S.; 30 ft E. of drive; 4 ft SE. of corner fencepost; in concrete post; standard tablet stamped "6 CMN 1952 820" 820.443

Morgan, 3.6 mi SE. of; 43 ft SE. of intersection of graveled rds.; in yard of A. Shoemaker; 43 ft S. of rd. E.; 24 ft E. of graveled rd. S.; 46 ft NW. of 16-in. cedar tree; 3 ft SE. of fence; 6 ft above intersection; in concrete post; standard tablet stamped "7 CMN 1952 922" 922.372

Morgan, 5.4 mi SE. of, along Broadford Road; 31 ft NW. of junction of rd. N.; 5 ft N. of corner fencepost; 21 ft W. of graveled rd. N.; in concrete post; standard tablet stamped "8 CMN 1952 910" 909.903

Morgan, 7.2 mi SE. of, along graveled rd.; 25 ft NW. of intersection of U. S. Highway 27; 26 ft E. of centerline of graveled rd.; 19 ft NE. of rd. W.; 3 ft N. of 12-in. elm tree at fence corner; 5 ft above intersection; in concrete post; standard tablet stamped "9 CMN 1952 688" 687.870

Reference mark; 300 ft S. of tablet; on center of W. side of bridge; chiseled square 675.19

U.E., Morgan, 8.5 mi SE. and NE. of; at intersection of U. S. Highway 27 and graveled rd. W.; 17 ft lower than hwy.; 150 ft SW. of intersection; on N. end of W. concrete culvert headwall; chiseled square 667.52

"2 CMN 1952 707" (Described in line 6) 706.764

LINE 9.Feet

By C. M. Nichols, 1952; Book AV 328	
"8 CMN 1952 910" (Described in line 8)	909.903
U.E., Antioch, 1.0 mi W. of, along paved rd. from Boyd to Antioch; on NE. end of NW. side of concrete bridge; chiseled square	717.80
Antioch, 0.6 mi W. of, along Antioch-Boyd rd.; 11 ft N. of centerline of rd.; in concrete headwall; standard tablet stamped "10 CMN 1952 697"	697.248
Reference mark; 38 ft W. of tablet; on N. side of rd.; on W. end of headwall; chiseled square	696.99
U.E., Antioch; 59 ft SW. of SW. corner of Antioch Christian Church; on E. end of S. concrete bridge abutment; chiseled square	681.16
Antioch, 1.5 mi S. of; 2.3 mi NE. of Kelat; on W. side of U. S. Highway 27; 79 ft E. of paved rd. to Kelat; 23 ft W. of centerline of Highway 27; in L-shaped concrete headwall of culvert; standard tablet stamped "11 CMN 1952 878"	877.581
Kelat, 1.9 mi NE. of, along paved rd.; 24 ft SW. of main entrance to Benson Methodist Church; on stone wall in front of church; chiseled square	898.77
Kelat, in top of NE. corner of concrete porch of J. R. Brannock, Son & Brother's store; standard tablet stamped "TT STA NO 27 M 1928 968"	967.529
Kelat; in yard of Fairview Baptist Church; 11 ft E. of NE. corner of church; in line with N. side; 60 ft NW. of centerline of Kelat- Berry rd.; 62 ft WSW. of SW. corner of Jess Robinson's service station; in concrete post; NGS standard triangulation station disk stamped "KELAT 1935"	966.419
Kelat, 1.8 mi SE. of, along U. S. Highway 27; on N. end of W. L-shaped concrete culvert headwall; chiseled square	859.19
Cynthiana, 8.5 mi N. of, along U. S. Highway 27; on property of Raymond Works and Son; 58 ft SW. of SW. corner of house; 47 ft E. of center- line of hwy; 2 ft NW. of fence; in concrete post; standard tablet stamped "12 CMN 1952 790"	790.233
Reference mark; 15 ft NW. of Tablet; 62 ft SW. of SW. corner of house; in root on NW. side of 36-in. oak tree; copper nail and washer	790.40

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

38-084-13
FALMOUTH QUADRANGLE
198 KENTUCKY
N3830-W8415/15
DIAGRAM NJ 16-6
LOUISVILLE

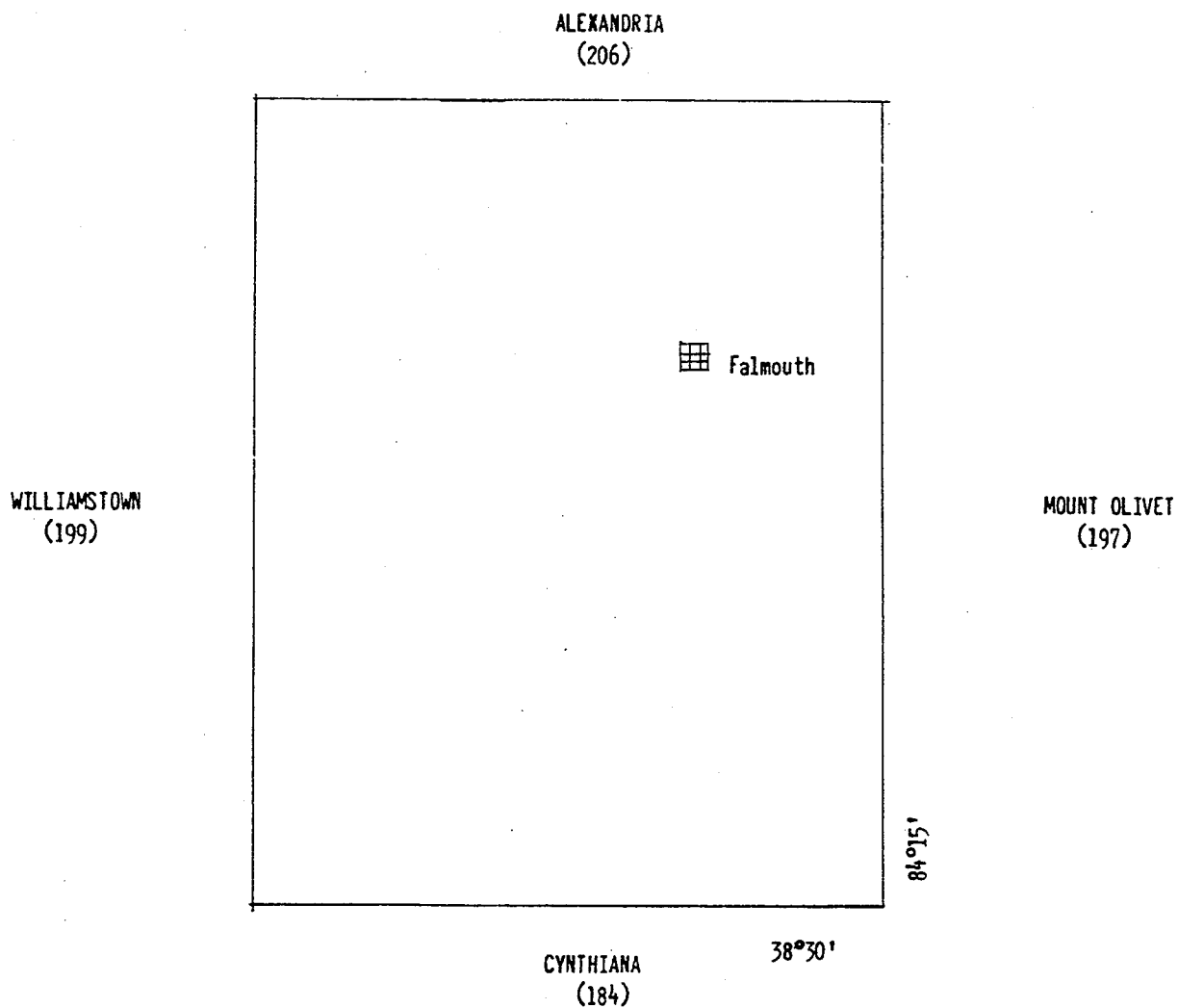
Grant, Harrison, and Pendleton Counties

Edition of 5/25/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, North Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

TT STA NO 26 M 1928	3
TT STA NO 27 M 1928	5
TT STA NO 29 M 1928	3
TT STA NO 30 M 1928	3
TT STA NO 33 M 1928	4
TT STA NO 36 M 1928 623.729	3
TT STA NO 37 M 1928 874.132	5
TT STA NO 38 M 1928	5
TT STA NO 39 M 1928 558.276	3
TT STA NO 40 M 1928	3
TT STA NO 41 M 1928 932.606	6
TT STA NO 42 M 1928	3
TT STA NO 43 M 1928 RESET 1952	4
TT STA NO 44 M 1928	4
TT STA NO 45 M 1928	4
TT STA NO 48 M 1928	4
TT STA NO 52 M 1928	4
TT 11 DWP 1950	4
TT 15 DWP 1950	5
TT 16 DWP 1950	5

NGS

X 34 1935 820.569	5
-------------------	---

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
---------	--	-------------------	--------------------

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By S. H. Moyers, 1928; Book C8450

Oddville, 4.2 mi NW. of; in NE. corner of field owned by B. T. Price; 5 ft S. and 30 ft W. of centerline of rd. at junction of rd. W.; 6 ft W. of NE. corner fencepost; in concrete post; standard tablet stamped "TT STA NO 26 M 1928"

X = 1,997,425	Y = 368,061	38 30 38.60	84 15 32.40
---------------	-------------	-------------	-------------

Berry, 1.6 mi SW. of post office; 0.5 mi S. of hwy. bridge over Raven Creek; 80 ft S. of junction of rd. SW. to Renaker; 8 ft S. of N. end of pasture; in concrete post; standard tablet stamped "TT STA NO 29 M 1928"

X = 1,956,699	Y = 366,586	38 30 23.67	84 24 04.72
---------------	-------------	-------------	-------------

Herron, 1.0 mi E. of; at NE. corner of, and in line with N. face of Beagle School; in concrete post; standard tablet stamped "TT STA NO 30 M 1928"

X = 1,942,414	Y = 369,214	38 30 49.38	84 27 04.51
---------------	-------------	-------------	-------------

Falmouth, 2.3 mi E. of courthouse, along State Highway 22; at junction of graveled T-rd. SE.; 50 ft E. of centerline of graveled rd.; 28 ft SW. of centerline of hwy.; 19 ft SE. of 20-in. tree; 7 ft N. of fenceline; in concrete post; standard tablet stamped "TT STA NO 36 M 1928 623.729" (Reported mutilated but solid)

X = 1,987,983	Y = 427,602	38 40 27.16	84 17 31.53
---------------	-------------	-------------	-------------

Falmouth, 0.1 mi N. of courthouse; at W. end of steel truss bridge over Licking River; 16 ft N. of centerline of State Highway 22; in W. end of concrete retaining wall of bridge; standard tablet stamped "TT STA NO 39 M 1928 558.276"

X = 1,977,494	Y = 428,845	38 40 39.38	84 19 43.78
---------------	-------------	-------------	-------------

Falmouth, 5.5 mi SW. of, along State Highway 318; 3.3 mi E. of Goforth; 33 ft N. and 10 ft E. of crossroads; in concrete post; standard tablet stamped "TT STA NO 40 M 1928"

X = 1,957,393	Y = 422,340	38 39 34.83	84 23 57.12
---------------	-------------	-------------	-------------

Doughton, in front of Whaleys Store; 46 ft N. of junction of rd. NE. to Knoxville; on outside of yard fence; in concrete post; standard tablet stamped "TT STA NO 42 M 1928"

X = 1,928,983	Y = 416,653	38 38 38.00	84 29 55.09
---------------	-------------	-------------	-------------

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

By S. H. Moyers, 1928; Book C8452

Cordova, 2.5 mi E. of; near Grant-Pendleton County line; 35 ft S. of junction of rd. S. across Crooked Creek; 5 ft S. of fenceline; in concrete post; standard tablet stamped "TT STA NO 43 M 1928 RESET 1952" (Not found, 1953)

X = 1,934,533 Y = 379,880 38 32 34.64 84 28 44.00

Doughton, 4.8 mi SE. of; 1.0 mi NE. of stone schoolhouse; 800 ft W. of old Marcus Baptist Church; 38 ft N. and 66 ft W. of centerline of rd. at junction of rd. N.; in field; in concrete post; standard tablet stamped "TT STA NO 44 M 1928"

X = 1,938,529 Y = 389,218 38 34 07.04 84 27 53.98

Doughton, 3.0 mi S. of; 2.0 mi S. of Williamstown-Falmouth Pike; 0.1 mi S. of Ezera; 6 ft N. and 25 ft W. of centerline of rd. at junction of rd. SW.; 5 ft W. of corner fencepost; in concrete post; standard tablet stamped "TT STA NO 45 M 1928"

X = 1,933,379 Y = 404,781 38 36 40.76 84 28 59.31

Portland, 1.0 mi SW. of; 35 ft N. and 36 ft W. of centerline of rd. at junction of rd. NW. to Gardnersville; at residence of Arthur Cox; in SW. corner of frontyard; in concrete post; standard tablet stamped "TT STA NO 48 M 1928"

X = 1,941,358 Y = 450,437 38 44 12.26 84 27 20.07

Concord; at entrance to cemetery; 2 ft S. of N. end of top step; in step; standard tablet stamped "TT STA NO 52 M 1928"

X = 1,985,549 Y = 445,326 38 43 22.35 84 18 02.34

By D. W. Pinkston, 1950; Book AH 200

Oddville, 5.0 mi NW. of; 1.9 mi SW. of Sunrise; at wooden bridge over Harrison Creek; 350 ft SE. of residence of Robin Barlow; 100 ft W. of bridge; 25 ft N. of gatepost; 13 ft E. of centerline of rd.; in concrete post; standard tablet stamped "TT 11 DWP 1950"

X = 1,999,427 Y = 372,084 38 31 18.37 84 15 07.20

McKinneysburg; at SE. corner of Christian Church; in concrete wall; standard tablet stamped "TT STA NO 33 M 1928"

X = 1,994,940 Y = 399,751 38 35 51.87 84 16 03.74

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSELETE MARKS (Cont'd.)

Falmouth, 2.3 mi E. of courthouse, along State Highway 22, thence 2.2 mi SE. along graveled rd.; 1.3 mi NW. of Oakland Church; 110 ft S. and 14 ft E. of centerline of rd. at junction of driveway to residence of Cleve Field; 8 ft S. of 8-in. locust tree; 4 ft W. of fence corner in line with fence E.; in concrete post; standard tablet stamped "TT 15 DWP 1950"

X = 1,994,351 Y = 419,976 38 39 11.78 84 16 11.23

Falmouth, 3.2 mi E. of courthouse, along State Highway 22; 530 ft NW. of N. corner of frame building of Showalter Hatchery; 39 ft N. of, and 2 ft higher than centerline of hwy.; 48 ft NW. of 24-in. mulberry tree; 1 ft S. of wire fence; in concrete post; NGS standard disk stamped "X 34 1935 820.569"

X = 1,991,670 Y = 429,186 38 40 42.83 84 16 45.04

Falmouth, 4.15 mi SE. of, along State Highway 22 from courthouse, at side rd. N.; 37 ft SE. of center of side road; 35.5 ft N. of centerline of hwy. at curve; 10.6 ft E. of telephone pole; 4.5 ft SW. of fence; in concrete post; standard tablet stamped "TT STA NO 37 M 1928 874.132"

X = 1,996,321 Y = 430,048 38 40 51.36 84 15 46.40

Lenoxburg, 4.9 mi SW. of, 4.5 mi NE. of Falmouth-Lenoxburg Pike; in NW. corner of barnyard of Thomas Jacobs; 20 ft N. and 20 ft E. of centerline of rd. at junction of rd. E.; in concrete post; standard tablet stamped "TT STA NO 38 M 1928"

X = 1,991,645 Y = 437,677 38 42 06.76 84 16 45.39

Lenoxburg, 3.1 mi SW. of; 200 ft SE. of residence of F. L. Brooks; 15 ft E. of centerline of rd.; 37 ft N. of NW. corner of small white milkhouse; 3 ft N. of corner of wire fence; in concrete post; standard tablet stamped "TT 16 DWP 1950"

X = 1,997,443 Y = 442,600 38 42 55.43 84 15 32.24

MARKS TIED BY NGS

By S. H. Moyers, 1928; Book C8450

Kelat; at store of J. R. Brannock Son and Brothers; in top of NE. corner of concrete porch; standard tablet stamped "TT STA NO 27 M 1928"

X = 1,982,146.04 Y = 373,330.69 38 31 30.637 84 18 44.662

198 KENTUCKY
FALMOUTH QUADRANGLE

38-084-13
6

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

LINE 1 (Cont'd.)

Falmouth, 8.35 mi W. of; 2.2 mi NW. along U.S. Highway 27 and State Highway 22 from junction of Highway 27 and 22, thence 6.15 mi W. and SW. along State Highway 22; at Short Creek Baptist Church; at village of Goforth; about 100 ft N. of center of hwy.; in top of first step at SW. corner of church; in drill hole; standard tablet stamped "TT STA NO 41 M 1928 932.606"

X = 1,942,309.98 Y = 424,491.06

38 39 55.806

84 27 07.343